

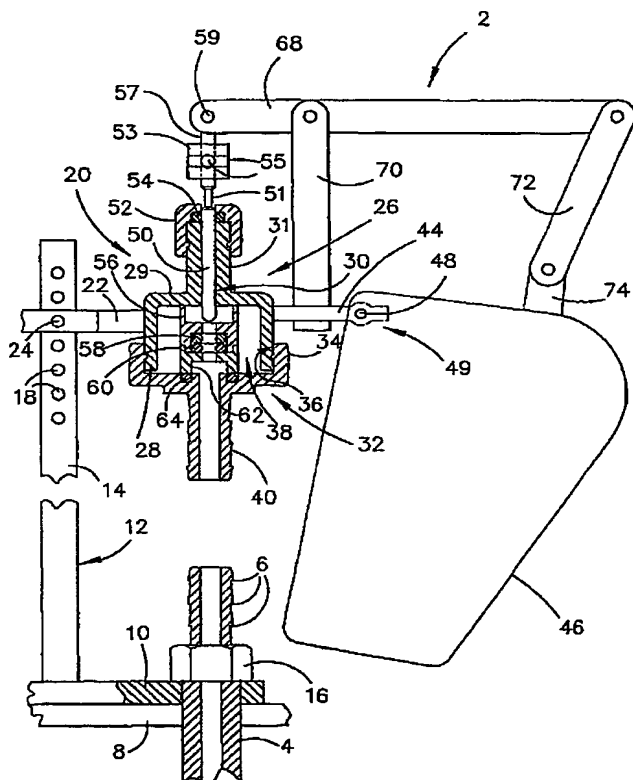
1. The first step in the process is to identify the problem or issue that needs to be addressed. This involves gathering information and understanding the context of the problem.

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**(54) Title:** ADJUSTABLE INLET VALVE WITH AIR GAP



**(57) Abstract:** A valve arrangement for use in the cistern (8) of a toilet is described having an inlet valve (20) operated by a float (46) such that when the level of water in the cistern reaches a threshold amount, the float operates the inlet valve to substantially instantaneously close the supply of incoming water. The inlet valve of the valve arrangement is provided with an air gap or clearance (51) to eliminate, prevent or reduce siphoning of water from the cistern into the water supply when the valve is in the fully closed position. The air gap allows water within the inlet valve to drain into the cistern so as to form the air gap.

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